

OPTIMA

Acrylic paint with a higher degree of whiteness



Main advantages:

- High resistance to washing and scrubbing;
- Very good surface coverage;
- Deeply mat;
- Very good adhesion on mineral bases as well as on bases coated with a polymer-based coating.

Purpose:

A modern dispersive surface paint for the application in building interiors. For the painting of ceilings and walls in "dry" rooms (such as parlours, bedrooms, anterooms as well as office spaces and conference rooms). It can be used for the painting of bases with uniform and varying structures and colours. It creates an aesthetic, smooth coat with a high finishing standard and a pleasant matte appearance. It possesses high resistance to yellowing as well as to washing out and scrubbing. It is used for the initial and renovation painting of mineral bases (such as concrete, cement, cement-calciferous, calciferous, and gypsum renders as well as gypsum-cardboard panels) as well as on bases covered with a well-bound polymer-based coating. Before the application of the paint, absorbent or chalky surfaces are to be primed using the **BUDOGRUNT WG** > (pg. 72) primer.

Technical data:

Basic binding agent: acrylic resin;
Pigments: titanium white;
Density: about 1.58 g/cm³;
Colours: snow white and colours according to the KABE, NCS template pas well according to a supiled template;
Degree of lustre: deeply matt;
Diluent: water;
Average consumption: about 0.25 l/m² (for double painting on a smooth surface);
Temperature of use (of the air and base): from +5°C to +25°C
Relative air humidity: ≤80%;
Resistance to scrubbing while wet: class I paint (according to the PN-C-81914: 2002 standard).

Packaging: Single use plastic packaging containing 2,5, 5, 10l of the product.

Storage: Store in the tightly sealed, original packaging in a cool area ensuring protection against frost. Opened packaging should be tightly closed and consumed as quickly as possible.

Period of suitability for use: 18 months from the date of production on the product packaging for factory sealed packaging.

METHOD OF USE:

Preparation of the base:

The base must be stable (no scratches and cracks), degreased, clean, and dry as well as free from stains and efflorescence of biological or chemical origin. In the case of fungus growth, the base should be cleaned mechanically, then washed and safeguarded by the appropriate fungicide ALGIZID according to the manufacturer's guidelines. Discolorations, nicotine stains, and efflorescence resulting from water seepage are to be initially painted with the **MILAMAT** > (pg. 70) isolating paint. All loose layers not connected with the surface (loose render or flaking paint coatings) are to be removed. The remnants of adhesive or lime paints are to be thoroughly removed and the base washed with water. When surface unevenness is significant, the wall should be initially evened using an evening mortar KOMBI FINISH and then the entire surface should be luted using a finishing coat PROFINISZ. For small unevenness, the finishing coat may be applied without the former. The use of the above mortars and finishing coats should be in accordance with the instructions of these products. Absorbent surfaces are to be primed using the **BUDOGRUNT WG** > (pg. 72) preparation before the application of evening mortars and/or finishing coats. Fresh cement and cement-calciferous render surfaces can be painted only after a 3-4 week seasoning period, after a two-week period for gypsum renders, and directly after sanding and dust removal for "dry constructions".

Priming:

Before the application of the paint, an absorbent or dusty (highly chalking) surface should be primed using the **BUDOGRUNT WG** > (pg. 72) primer. Gypsum bases are to be primed using the AQUALIT filing primer.

The drying period of the primer or paint applied to the surface is about three hours under optimal conditions (for a temperature of +20°C and a relative air humidity of 55%). After the preparation or diluted paint applied to the base has totally dried, the application of the OPTIMA paint may commence.

Note: Surfaces with low absorbability (such as polymer-based render or dispersive paint coatings) should not be primed, but only washed with water.

Preparation of the paint:

The packaging contains a ready-to-use product. If necessary, the paint can be diluted with a small amount of water by adding 10% volume for the first coat and 5% for the second (when determining the amount of water to be used, the type of base, drying conditions, and application technique must be considered).

Application:

The paint should be applied to the surface in two layers using a brush, roller, or through spraying (including the "airless" method). The use of a fleece paint roller with a hair length of 18 mm is recommended. The second layer of paint should be applied only after the first layer has dried.

Spraying parameters for an Airless type device:

Nozzle size - inches	Nozzle size	Spraying angle	Pressure	Filter	Diluent addition	Yield
[inches]	[mm]	[°]	[bar]	[mesh]	[%]	[l/min]
0.017	0.43	50	200	60	about 5÷15	1.25

*) for use of the Wagner ProSpray 22 spraying device (Titan 340 – the device with the lowest power)

Drying:

The drying time of one layer of paint applied to the surface (at a temperature of +20°C and relative air humidity of 55%) amounts to about three hours. Closed rooms should be aired out after painting until the distinctive smell is gone.

Note: Low temperature and high air humidity lengthen the drying time of the paint.

Guidelines for application:

In order to avoid differences in colour, it is necessary to apply surfaces constituting a separate architectural entirety within one work cycle. During the application and drying of the paint, the air temperature should be above +5°C. Wash tools with water just after concluding work.